

CIVE 616. NONLINEAR STRUCTURAL ANALYSIS FOR BUILDINGS.

Credits: 4

Offered by: Civil Engineering (Graduate Studies)

This course is not offered this catalogue year.

Description

Methods of geometric and material nonlinear static and dynamic analysis, cumulative damage effects, concentrated and distributed plasticity models, pushover analysis, response modification and performance-based design. The class integrates state-of-the-art simulation models and methods with physical experimentation of structural components and energy dissipation devices for nonlinear analysis and evaluation of buildings.

- Prerequisite: Permission of instructor

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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